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(54) Title: METHOD FOR THE DETERMINATION OF 25-HYDROXYCHOLECALCIFEROL IN FEED

(57) Abstract: A method for quantitative determination of 25-hydroxycholecalciferol in feed is described. The method comprises the steps of adding a defined amount of an internal standard which has a mass different from 25-hydroxycholecalciferol and a polarity similar to that compound, e.g., 26,27-hexadeutero-25-hydroxycholecalciferol, to an aqueous dispersion of the feed, extracting the aqueous dispersion with tert.butyl methyl ether and further processing the extract by HPLC and mass spectrometry as described in the specification.

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